

A BRILLIANT LAMP—The first bulb was made in 1800 by Humphry Davy, who called it a "voltaic pile." It was made of two different metals, zinc and copper, which were connected by a wire. The wire was dipped into a solution of sulfuric acid, and the zinc was dipped into a solution of copper sulfate. The acid and the sulfate reacted, and the zinc was oxidized, releasing electrons. These electrons traveled through the wire to the copper, which was reduced, releasing heat and light. The lamp was very bright, but it was also very expensive and difficult to use. It was not until 1840 that a more practical lamp was invented by William Swan. He used a vacuum bulb filled with a gas, and a filament made of carbon. The filament was heated by an electric current, and it glowed. This was the first incandescent lamp, and it was the beginning of the modern light bulb.

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in his life. Brown also died of one of the diseases he was contracted by nature and training. In 1900, Brown

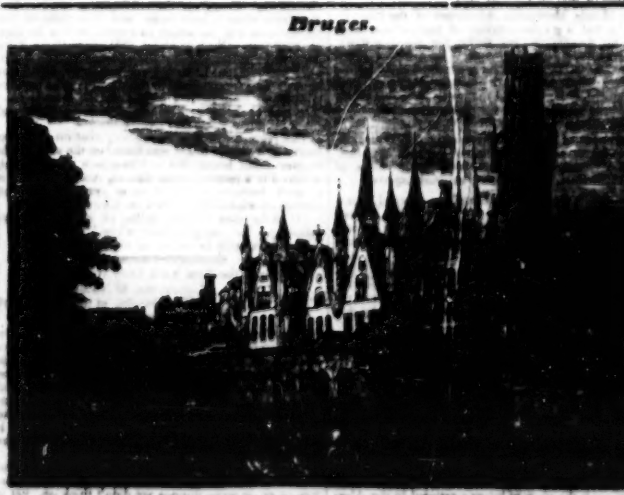
port of food, between whom, women, communities, and nations. The world is a place of constant change, and the only way to survive is to adapt. The only way to adapt is to learn. The only way to learn is to listen. The only way to listen is to be open. The only way to be open is to be honest. The only way to be honest is to be true. The only way to be true is to be brave. The only way to be brave is to be kind. The only way to be kind is to be gentle. The only way to be gentle is to be soft. The only way to be soft is to be weak. The only way to be weak is to be defeated. The only way to be defeated is to be dead. The only way to be dead is to be forgotten. The only way to be forgotten is to be lost. The only way to be lost is to be alone. The only way to be alone is to be lonely. The only way to be lonely is to be sad. The only way to be sad is to be angry. The only way to be angry is to be violent. The only way to be violent is to be cruel. The only way to be cruel is to be evil. The only way to be evil is to be damned. The only way to be damned is to be damned.

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PHOTOS.

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This image appears to be a scan of a book's binding or a very dark page. A vertical strip of light is visible on the left side, showing some texture and possibly the edges of the pages. The rest of the image is dark and indistinct.



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